

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PB60808	FOR FURTHER ACTION <small>see Form PCT/ISA/220 as well as, where applicable, item 5 below.</small>	
International application No. PCT/US2005/010125	International filing date (day/month/year) 25/03/2005	(Earliest) Priority Date (day/month/year) 25/03/2004
Applicant SMITHKLINE BEECHAM CORPORATION		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 05 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box II).

3. ☐ Unity of invention is lacking (see Box III).

4. With regard to the title,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

USE OF AN NK3 ANTAGONIST FOR THE TREATMENT OF BIPOLAR DISORDERS

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. _____

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2005/010125

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/00 A61K31/47 A61P25/18 A61P25/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 420 388 B1 (EMONDS-ALT XAVIER ET AL) 16 July 2002 (2002-07-16) claims 1,7	1,4
A	WO 95/32948 A (SMITHKLINE BEECHAM FARMACEUTICI S.P.A; FARINA, CARLO; GIARDINA, GIUSEP) 7 December 1995 (1995-12-07) cited in the application claims	1-4
	----- -/-- -----	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Δ document member of the same patent family

Date of the actual completion of the international search

12 July 2005

Date of mailing of the international search report

29/07/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040. Tx. 31 651 epo nl.
Fax: (+31-70) 340-3016

Authorized officer

Pacreu Largo, M

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2005/010125

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>GIARDINA G A M ET AL: "DISCOVERY OF A NOVEL CLASS OF SELECTIVE NON-PEPTIDE ANTAGONISTS FOR THE HUMAN NEUROKININ-3 RECEPTOR. 2. IDENTIFICATION OF (S)-N-(1-PHENYLPROPYL)-3-HYDROXY-2-PHENYLQUINOLINE-4-CARBOXAMIDE (SB 223412)" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY. WASHINGTON, US, vol. 42, no. 6, 1999, pages 1053-1065, XP000882756 ISSN: 0022-2623 abstract</p>	1-4
A	<p>PEMBERTON D J ET AL: "Effects of a NK - 3 receptor antagonist on ICV administered senktide - induced behaviours in the guinea pig." SOCIETY FOR NEUROSCIENCE ABSTRACT VIEWER AND ITINERARY PLANNER, vol. 2003, 2003, pages Abstract No. 858.6 URL-http://sf, XP001207106 & 33RD ANNUAL MEETING OF THE SOCIETY OF NEUROSCIENCE; NEW ORLEANS, LA, USA; NOVEMBER 08-12, 2003 abstract</p>	1-4
A	<p>GLICK I D ET AL: "PSYCHOPHARMACOLOGIC TREATMENT STRATEGIES FOR DEPRESSION, BIPOLAR DISORDER, AND SCHIZOPHRENIA" ANNALS OF INTERNAL MEDICINE, NEW YORK, NY, US, vol. 134, no. 1, 2 January 2001 (2001-01-02), pages 47-60, XP009000276 ISSN: 0003-4819 the whole document</p>	1-4
P,X	<p>WO 2005/014575 A (SMITHKLINE BEECHAM CORPORATION; CHAN, WAI, NGOR; SMITH, PAUL, WILLIAM;) 17 February 2005 (2005-02-17) page 10</p>	1,4

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2005/010125

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6420388	B1	16-07-2002	FR 2792199 A1	20-10-2000
			AU 3971600 A	14-11-2000
			BR 0009704 A	08-01-2002
			CA 2369638 A1	19-10-2000
			CN 1354662 A	19-06-2002
			CZ 20013645 A3	16-01-2002
			EE 200100527 A	16-12-2002
			EP 1175215 A2	30-01-2002
			WO 0061125 A2	19-10-2000
			HR 20010741 A1	31-10-2002
			HU 0200655 A2	29-07-2002
			ID 30458 A	06-12-2001
			JP 2002541190 T	03-12-2002
			MX PA01010340 A	06-05-2002
			NO 20014953 A	11-12-2001
			PL 351554 A1	05-05-2003
			SK 14552001 A3	05-02-2002
			TR 200102930 T2	22-04-2002
			ZA 200108289 A	09-10-2002
			WO 9532948	A
IT MI950494 A1	16-09-1996			
AP 578 A	26-03-1997			
AT 246677 T	15-08-2003			
AT 273959 T	15-09-2004			
AU 1216299 A	25-03-1999			
AU 699319 B2	03-12-1998			
AU 2616495 A	21-12-1995			
BG 64004 B1	30-09-2003			
BG 101008 A	29-08-1997			
BG 103181 A	30-09-1999			
BR 9507788 A	23-09-1997			
CA 2191352 A1	07-12-1995			
CA 2257662 A1	07-12-1995			
CN 1428145 A	09-07-2003			
CN 1156451 A ,C	06-08-1997			
CN 1276211 A	13-12-2000			
CZ 9603470 A3	15-10-1997			
DE 69531458 D1	11-09-2003			
DE 69531458 T2	05-08-2004			
DE 69533408 D1	23-09-2004			
DK 804419 T3	24-11-2003			
WO 9532948 A1	07-12-1995			
EP 0804419 A1	05-11-1997			
EP 0940391 A2	08-09-1999			
ES 2204952 T3	01-05-2004			
ES 2227769 T3	01-04-2005			
FI 964712 A	23-01-1997			
FI 990268 A	10-02-1999			
HK 1024469 A1	06-05-2005			
HK 1003884 A1	09-07-2004			
HU 76286 A2	28-07-1997			
IL 113844 A	17-05-2005			
JP 2000026314 A	25-01-2000			
JP 10500697 T	20-01-1998			
JP 2002179594 A	26-06-2002			
JP 2005068155 A	17-03-2005			
MA 23560 A1	31-12-1995			

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2005/010125

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9532948	A	NO 965036 A	24-01-1997
		NO 991813 A	24-01-1997
		NZ 287442 A	27-05-1998
		NZ 329979 A	28-07-2000
		OA 10592 A	27-08-2002
		PL 317381 A1	01-04-1997
		PL 186665 B1	27-02-2004
		PT 804419 T	31-12-2003
		RO 114445 B	30-04-1999
		RU 2155754 C2	10-09-2000
WO 2005014575	A	17-02-2005	WO 2005014575 A1
			17-02-2005